the three-dimensional computer model in accordance with a user-selected viewing direction, the apparatus comprising:

means for receiving data defining a user-selected viewing direction;

means for calculating the respective angle between the user-selected viewing direction and the respective viewing direction of each camera;

means for identifying the cameras having a viewing direction within a predetermined angle of the user-selected viewing direction as identified cameras;

means for comparing at least one camera characteristic affecting image data quality for each identified camera to determine differences therebetween;

means for selecting one of the identified cameras as a selected camera in dependence upon the determined differences;

means for processing input image data from the selected camera to define a representation of the object in the three-dimensional computer model; and

means for generating image data by rendering an image of the three-dimensional computer model in accordance with the user-selected viewing direction, in which texture data based on input image data from the selected camera is rendered onto the representation of the object.

213.   (Twice Amended) A signal conveying instructions for causing a programmable processing apparatus to become operable to perform a method according to any of claims 191, 201, 202 and 249.

246. (Twice Amended) An image processing apparatus for processing image data defining a plurality of sequences of images, each from a respective camera, of an object moving in a scene to produce signals defining a representation of the object in a three-dimensional computer model, and to generate image data by rendering an image of the three-dimensional computer model in accordance with a user-selected viewing direction, the apparatus comprising:

a data receiver for receiving data defining a user-selected viewing direction;

an angle calculator operable to calculate the respective angle between the user-selected viewing direction and the respective viewing direction of each camera;

a camera identifier operable to identify the cameras having a viewing direction within a predetermined angle of the user-selected viewing direction as identified cameras;

a camera characteristic comparer operable to compare at least one camera characteristic affecting image data quality for each identified camera to determine differences therebetween;

a camera selector operable to select one of the identified cameras as a selected camera in dependence upon the determined differences;

an object representation generator for processing input image data from the selected camera to define the selected representation of the object in the three-dimensional computer model; and

a renderer for generating image data by rendering an image of the three-dimensional computer model in accordance with the user-selected viewing direction, in

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which texture data based on input image data from the selected camera is rendered onto the

representation of each object.

251.   (Amended) An image processing apparatus for processing image

data defining a plurality of sequences of images, each from a respective camera, of an

object moving in a scene to produce signals defining a representation of the object in a

three-dimensional computer model, and to generate image data by rendering an image of

the three-dimensional computer model in accordance with a user-selected viewing

direction, the apparatus comprising:

an object representation generator operable to process input image data

from each respective camera to define a respective representation of the object in the three-

dimensional computer model;

a data receiver for receiving data defining a user-selected viewing direction;

an angle calculator operable to calculate the respective angle between the

user-selected viewing direction and the respective viewing direction of each camera;

a camera identifier operable to identify the cameras having a viewing

direction within a predetermined angle of the user-selected viewing direction as identified

cameras;

a camera characteristic comparer operable to compare at least one camera

characteristic affecting the image data quality for each identified camera to determine

differences therebetween;